

## VI. List of File Data Elements and Tape Locations

	Data Items	Tape Locations
1.	General	
a.	Record Type	19
b.	Resident status	20
c.	Place of death and decedent's status	75
d.	Day of week of death	83
e.	Date of data receipt	110-114
f.	Data year	115-118
g.	Manner of death	139
h.	Activity code	140
i.	Place of injury	141
2.	Occurrence	
a.	Reporting Area	3
b.	State	21-22,28
c.	Expanded State	29-30
d.	County	23-25
e.	County Population size	49
f.	Region	26
g.	Division	27
h.	FIPS State	119-120
i.	FIPS County	121-123
3.	Residence	
a.	State	31-32,43
b.	Expanded State	44-45
c.	County	33-35
d.	County Population size	50
e.	City	36-38
f.	City Population size	39
g.	Met/Nonmet county	40
h.	Region	41
i.	Division	42
j.	PMSA/MSA	46-48
k.	PMSA/MSA Population size	51
l.	FIPS State	124-125
m.	FIPS County	126-128
n.	FIPS Place	97-101
o.	FIPS PMSA/MSA	129-132
p.	FIPS CMSA	134-135
4.	The Decedent	
a.	Month of Death	55-56
b.	Sex	59
c.	Race	60-63
d.	Age	64-74
e.	Marital status	77
f.	State of birth	78-79
g.	Hispanic origin	80-81,82
h.	Education	52-53, 54

5.	Underlying Cause	
a.	ICD-10 code	142-145
b.	358 cause recode	146-148
c.	113 cause recode	151-153
d.	130 cause recode	154-156
e.	39 cause recode	157-158
f.	Place of injury	141
g.	Injury at work	136
6.	Multiple Conditions	
a.	Entity-Axis conditions	
1.	Number of	160-161
2.	The conditions	162-301
h.	Record-Axis conditions	
1.	Number of	338-339
2.	The conditions	341-440

2001  
Mortality Multiple Cause-of-Death Public Use Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>																								
1-3	2	<u>Reserved Positions</u> These positions are blank.																								
4-9	6	<u>Certificate Number</u> These positions are blank.																								
10-11	2	<u>Reserved Positions</u>																								
12-18	7	<u>Sequence Number</u> These positions are blank.																								
19	1	<u>Record Type</u> <table> <tr> <td>1</td><td>...</td><td>RESIDENTS State and County of Occurrence and Residence are the same.</td></tr> <tr> <td>2</td><td>...</td><td>NONRESIDENTS State and/or County of Occurrence and Residence are different.</td></tr> </table>	1	...	RESIDENTS State and County of Occurrence and Residence are the same.	2	...	NONRESIDENTS State and/or County of Occurrence and Residence are different.																		
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2	...	NONRESIDENTS State and/or County of Occurrence and Residence are different.																								
20	1	<u>Resident Status</u> <p>United States Occurrence</p> <table> <tr> <td>1</td><td>...</td><td>RESIDENTS State and County of Occurrence and Residence are the same.</td></tr> <tr> <td>2</td><td>...</td><td>INTRASTATE NONRESIDENTS State of Occurrence and Residence are the same, but County is different.</td></tr> <tr> <td>3</td><td>...</td><td>INTERSTATE NONRESIDENTS State of Occurrence and Residence are different, but both are in the U.S.</td></tr> <tr> <td>4</td><td>...</td><td>FOREIGN RESIDENTS State of Occurrence is one of the 50 States or the District of Columbia, but Place of Residence is outside of the U.S.</td></tr> </table> <p>Puerto Rico Occurrence</p> <table> <tr> <td>1</td><td>...</td><td>RESIDENTS Territory and County-equivalent of Occurrence and Residence are the same.</td></tr> <tr> <td>2</td><td>...</td><td>INTRASTATE NONRESIDENTS Territory of Occurrence and Residence are the same, but County-equivalent is different.</td></tr> <tr> <td>3</td><td>...</td><td>INTERTERRITORY NONRESIDENTS: Territory of occurrence and residence are different, but both are a Territory.</td></tr> <tr> <td>4</td><td>...</td><td>FOREIGN RESIDENTS Occurred in Puerto Rico to a resident of any other place.</td></tr> </table>	1	...	RESIDENTS State and County of Occurrence and Residence are the same.	2	...	INTRASTATE NONRESIDENTS State of Occurrence and Residence are the same, but County is different.	3	...	INTERSTATE NONRESIDENTS State of Occurrence and Residence are different, but both are in the U.S.	4	...	FOREIGN RESIDENTS State of Occurrence is one of the 50 States or the District of Columbia, but Place of Residence is outside of the U.S.	1	...	RESIDENTS Territory and County-equivalent of Occurrence and Residence are the same.	2	...	INTRASTATE NONRESIDENTS Territory of Occurrence and Residence are the same, but County-equivalent is different.	3	...	INTERTERRITORY NONRESIDENTS: Territory of occurrence and residence are different, but both are a Territory.	4	...	FOREIGN RESIDENTS Occurred in Puerto Rico to a resident of any other place.
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Mortality Multiple Cause-of-Death Public Use Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
20	1	<u>Resident Status - Con.</u>
		Virgin Islands Occurrence
	1	... RESIDENTS Territory and County-equivalent of Occurrence and Residence are the same.
	2	... INTRASTATE NONRESIDENTS Territory of Occurrence and Residence are the same, but County-equivalent is different.
	3	... INTERTERRITORY NONRESIDENTS: Territory of occurrence and residence are different, but both are a Territory.
	4	... FOREIGN RESIDENTS Occurred in Virgin Islands to a resident of any other place.
		Guam Occurrence
	1	... RESIDENTS Occurred in Guam to a resident of Guam or to a resident of the U.S.
	3	... INTERTERRITORY NONRESIDENTS: Territory of occurrence and residence are different, but both are a Territory.
	4	... FOREIGN RESIDENTS Occurred in Guam to a resident of any place other than Guam or the U.S.
		American Samoa Occurrence
	1	... RESIDENTS Territory and County-equivalent of Occurrence and Residence are the same.
	2	... INTRASTATE NONRESIDENTS Territory of Occurrence and Residence are the same, but County-equivalent is different.
	3	... INTERTERRITORY NONRESIDENTS: Territory of occurrence and residence are different, but both are a Territory.
	4	... FOREIGN RESIDENTS Occurred in American Samoa to a resident of any other place.
		Northern Marianas Occurrence
	1	... RESIDENTS Territory and County-equivalent of Occurrence and Residence are the same.
	2	... INTRASTATE NONRESIDENTS Territory of Occurrence and Residence are the same, but County-equivalent is different.

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<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
	3	... INTERTERRITORY NONRESIDENTS: Territory of occurrence and residence are different, but both are a Territory.
	4	... FOREIGN RESIDENTS Occurred in Northern Marianas to a resident of any other place.
21-30	10	<u>PLACE OF OCCURRENCE</u>  Refer to the Geographic Code Outline further back in this document for a detailed list of areas and codes. Some Geographic Codes have changed to reflect the results of the 1990 Census.
21-22	2	<u>State of Occurrence</u>  United States  01 ... Alabama 02 ... Alaska 03 ... Arizona 04 ... Arkansas 05 ... California 06 ... Colorado 07 ... Connecticut 08 ... Delaware 09 ... District of Columbia 10 ... Florida 11 ... Georgia 12 ... Hawaii 13 ... Idaho 14 ... Illinois 15 ... Indiana 16 ... Iowa 17 ... Kansas 18 ... Kentucky 19 ... Louisiana 20 ... Maine 21 ... Maryland 22 ... Massachusetts 23 ... Michigan 24 ... Minnesota 25 ... Mississippi 26 ... Missouri 27 ... Montana 28 ... Nebraska 29 ... Nevada 30 ... New Hampshire 31 ... New Jersey 32 ... New Mexico 33 ... New York

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<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
21-22	2	<u>State of Occurrence - Con.</u>
		34 ... North Carolina
		35 ... North Dakota
		36 ... Ohio
		37 ... Oklahoma
		38 ... Oregon
		39 ... Pennsylvania
		40 ... Rhode Island
		41 ... South Carolina
		42 ... South Dakota
		43 ... Tennessee
		44 ... Texas
		45 ... Utah
		46 ... Vermont
		47 ... Virginia
		48 ... Washington
		49 ... West Virginia
		50 ... Wisconsin
		51 ... Wyoming
		Puerto Rico
		52 ...Puerto Rico
		Virgin Islands
		53 ...Virgin Islands
		Guam
		54 ...Guam
		American Samoa
		61 ...American Samoa
		Northern Marianas
		62 ...Northern Marianas
23-25	3	<u>County of Occurrence</u>
		001-nnn ... Counties and county equivalents (independent and coextensive cities) are numbered alphabetically within each State. (Note: To uniquely identify a county, both the State and county codes must be used.) A complete list of counties is shown in the Geographic Code Outline further back in this document.

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<u>Tape</u> <u>Location</u>	<u>Field</u> <u>Size</u>	<u>Item and Code Outline</u>
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26	1	<u>Region</u>
27-28	2	<u>Division and State Subcode of Occurrence</u>

States are coded within Division.  
26 is Region. 27 is Division. 28 is State subcode.

000	...	Not applicable: Puerto Rico, Virgin Islands, Guam, or American Samoa occurrence.
1	...	<u>NORTHEAST</u>
1	...	<u>New England</u>
1	...	Maine
2	...	New Hampshire
3	...	Vermont
4	...	Massachusetts
5	...	Rhode Island
6	...	Connecticut
2	...	<u>Middle Atlantic</u>
1	...	New York
2	...	New Jersey
3	...	Pennsylvania
2	...	<u>MIDWEST</u>
3	...	<u>East North Central</u>
1	...	Ohio
2	...	Indiana
3	...	Illinois
4	...	Michigan
5	...	Wisconsin
4	...	<u>West North Central</u>
1	...	Minnesota
2	...	Iowa
3	...	Missouri
4	...	North Dakota
5	...	South Dakota
6	...	Nebraska
7	...	Kansas
3	...	<u>SOUTH</u>
5	...	<u>South Atlantic</u>
1	...	Delaware
2	...	Maryland
3	...	District of Columbia
4	...	Virginia
5	...	West Virginia
6	...	North Carolina
7	...	South Carolina
8	...	Georgia
9	...	Florida

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Mortality Multiple Cause-of-Death Public Use Record

Tape  
Location

Field  
Size

Item and Code Outline

26  
27-28

1  
2

Region  
Division and State Subcode of Occurrence - Con.

6	...	<u>East South Central</u>
1	...	Kentucky
2	...	Tennessee
3	...	Alabama
4	...	Mississippi
7	...	<u>West South Central</u>
1	...	Arkansas
2	...	Louisiana
3	...	Oklahoma
4	...	Texas
4	...	<u>WEST</u>
8	...	<u>Mountain</u>
1	...	Montana
2	...	Idaho
3	...	Wyoming
4	...	Colorado
5	...	New Mexico
6	...	Arizona
7	...	Utah
8	...	Nevada
9	...	<u>Pacific</u>
1	...	Washington
2	...	Oregon
3	...	California
4	...	Alaska
5	...	Hawaii

29-30

2

Expanded State of Occurrence Code

This item is designed to separately identify New York City records from other New York State records.

United States

01	...	Alabama
02	...	Alaska
03	...	Arizona
04	...	Arkansas
05	...	California
06	...	Colorado
07	...	Connecticut
08	...	Delaware
09	...	District of Columbia



2001  
Mortality Multiple Cause-of-Death Public Use Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
	10	... Florida
	11	... Georgia
29-30	2	<u>Expanded State of Occurrence - Con.</u>
	12	... Hawaii
	13	... Idaho
	14	... Illinois
	15	... Indiana
	16	... Iowa
	17	... Kansas
	18	... Kentucky
	19	... Louisiana
	20	... Maine
	21	... Maryland
	22	... Massachusetts
	23	... Michigan
	24	... Minnesota
	25	... Mississippi
	26	... Missouri
	27	... Montana
	28	... Nebraska
	29	... Nevada
	30	... New Hampshire
	31	... New Jersey
	32	... New Mexico
	33	... New York
	34	... New York City
	35	... North Carolina
	36	... North Dakota
	37	... Ohio
	38	... Oklahoma
	39	... Oregon
	40	... Pennsylvania
41		... Rhode Island
	42	... South Carolina
	43	... South Dakota
	44	... Tennessee
	45	... Texas
	46	... Utah
	47	... Vermont
	48	... Virginia
	49	... Washington
	50	... West Virginia
	51	... Wisconsin
	52	... Wyoming
		Puerto Rico
	53	... Puerto Rico

2001  
Mortality Multiple Cause-of-Death Public Use Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
		Virgin Islands 54                      ...Virgin Islands
29-30	2	<u>Expanded State of Occurrence - Con.</u>
		Guam 55                      ... Guam
		American Samoa 62                      ...American Samoa
		Northern Marianas 63                      ...Northern Marianas
31-48	18	<u>PLACE OF RESIDENCE</u>
		Refer to the Geographic Code Outline further back in this document for a detailed list of areas and codes.
31-32	2	<u>State of Residence</u>
		United States Occurrence
		01                      ... Alabama
		02                      ... Alaska
		03                      ... Arizona
		04                      ... Arkansas
		05                      ... California
		06                      ... Colorado
		07                      ... Connecticut
		08                      ... Delaware
		09                      ... District of Columbia
		10                      ... Florida
		11                      ... Georgia
		12                      ... Hawaii
		13                      ... Idaho
		14                      ... Illinois
		15                      ... Indiana
		16                      ... Iowa
		17                      ... Kansas
		18                      ... Kentucky
		19                      ... Louisiana
		20                      ... Maine
		21                      ... Maryland
		22                      ... Massachusetts
		23                      ... Michigan
		24                      ... Minnesota
		25                      ... Mississippi
		26                      ... Missouri

2001  
Mortality Multiple Cause-of-Death Public Use Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
		27 ... Montana
		28 ... Nebraska
		29 ... Nevada
31-32	2	<u>State of Residence - Con.</u> U.S. Occurrence
		30 ... New Hampshire
		31 ... New Jersey
		32 ... New Mexico
		33 ... New York
		34 ... North Carolina
		35 ... North Dakota
		36 ... Ohio
		37 ... Oklahoma
		38 ... Oregon
		39 ... Pennsylvania
		40 ... Rhode Island
		41 ... South Carolina
		42 ... South Dakota
		43 ... Tennessee
		44 ... Texas
		45 ... Utah
		46 ... Vermont
		47 ... Virginia
		48 ... Washington
		49 ... West Virginia
		50 ... Wisconsin
		51 ... Wyoming
		52-57,59,61 ... Foreign residents
		52 ... Puerto Rico
		53 ... Virgin Islands
		54 ... Guam
		55 ... Canada
		56 ... Cuba
		57 ... Mexico
		59 ... Remainder of the world
		61 ... American Samoa
		62 ... Northern Marianas
		 Puerto Rico Occurrence
		52 ... Puerto Rico
		01-51,53- 57,59,61... Foreign residents: refer to U.S. for specific code structure.
		 Virgin Islands Occurrence
		53 ... Virgin Islands
		01-52,54- 57,59,61... Foreign residents: refer to U.S. for specific code structure.

2001  
Mortality Multiple Cause-of-Death Public Use Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
31-32	2	<u>State of Residence - Con.</u> U.S. Occurrence  Guam Occurrence  54        ... Guam 01-51    ... U.S. resident. Also considered a resident of Guam. 52-53,55-57, 59,61    ... Foreign residents: refer to U.S. for specific code structure.  American Samoa Occurrence  61        ... American Samoa 01-57, 59        ... Foreign residents: refer to U.S. for specific code structure.  Northern Marianas Occurrence  62        ... Northern Marianas 01-57, 59,61    ... Foreign residents: refer to U.S. for specific code structure.
33-35	3	<u>County of Residence</u>  001-nnn        ...        Counties and county equivalents (independent and coextensive cities) are numbered alphabetically within each State. (Note: to uniquely identify a county, both the                                State and county codes must be used.) A complete list                                of counties is shown in the Geographic Code outline further back in this document. zzz                ...        Foreign residents
36-38	3	<u>City of Residence</u>  001-nnn        ... Cities are numbered alphabetically within each State and identify each city with a population of 10,000 or more in 1990. (Note: To uniquely identify a city, both the State and city codes must be used. State, county and city codes may also be used.) 999                ...        balance of county ZZZ                ...        Foreign residents

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Mortality Multiple Cause-of-Death Public Use Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
39	1	<u>Population Size of City of Residence</u>  Based on the results of the 1990 Census.  0            ...Place of 1,000,000 or more 1            ...Place of 500,000 to 1,000,000 2            ...Place of 250,000 to 500,000 3            ...Place of 100,000 to 250,000 9            ...All other areas in the U.S. Z            ...Foreign residents
40	1	<u>Metropolitan - Nonmetropolitan County of Residence</u>  NOTE: American Samoa, Guam and the Virgin Islands do not have any metropolitan areas.  1            ...Metropolitan county 2            ...Nonmetropolitan county Z            ...Foreign residents
41	1	<u>Region</u>
42-43	2	<u>Division and State Subcode of Residence</u>  States are codes within Division. 41 is Region. 42 is Division. 43 is State subcode. APPLICABLE TO U.S. ONLY.  000                    ... Foreign residents 1                    ... <u>NORTHEAST</u> 1                    ... <u>New England</u> 1                    ... Maine 2                    ... New Hampshire 3                    ... Vermont 4                    ... Massachusetts 5                    ... Rhode Island 6                    ... Connecticut 2                    ... <u>Middle Atlantic</u> 1                    ... New York 2                    ... New Jersey 3                    ... Pennsylvania 2                    ... <u>MIDWEST</u> 3                    ... <u>East North Central</u> 1                    ... Ohio 2                    ... Indiana 3                    ... Illinois 4                    ... Michigan

2001  
Mortality Multiple Cause-of-Death Public Use Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
	5	... Wisconsin
41-43	3	Region <u>Division and State of Residence - Con.</u>
	4	... <u>West North Central</u>
	1	... Minnesota
	2	... Iowa
	3	... Missouri
	4	... North Dakota
	5	... South Dakota
	6	... Nebraska
	7	... Kansas
	3	... <u>SOUTH</u>
	5	... <u>South Atlantic</u>
	1	... Delaware
	2	... Maryland
	3	... District of Columbia
	4	... Virginia
	5	... West Virginia
	6	... North Carolina
	7	... South Carolina
	8	... Georgia
	9	... Florida
	6	... <u>East South Central</u>
	1	... Kentucky
	2	... Tennessee
	3	... Alabama
	4	... Mississippi
	7	... <u>West South Central</u>
	1	... Arkansas
	2	... Louisiana
	3	... Oklahoma
	4	... Texas
	4	... <u>WEST</u>
	8	... <u>Mountain</u>
	1	... Montana
	2	... Idaho
	3	... Wyoming
	4	... Colorado
	5	... New Mexico
	6	... Arizona
	7	... Utah
	8	... Nevada
	9	... <u>Pacific</u>
	1	... Washington
	2	... Oregon
	3	... California
	4	... Alaska

2001  
Mortality Multiple Cause-of-Death Public Use Record

Tape Location	Field Size	<u>Item and Code Outline</u>
		5                      ...                      Hawaii

44-45	2	<u>Expanded State of Residence Code</u>
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This item is designed to separately identify New York City records from other New York State records.

United States Occurrence

01	... Alabama
02	... Alaska
03	... Arizona
04	... Arkansas
05	... California
06	... Colorado
07	... Connecticut
08	... Delaware
09	... District of Columbia
10	... Florida
11	... Georgia
12	... Hawaii
13	... Idaho
14	... Illinois
15	... Indiana
16	... Iowa
17	... Kansas
18	... Kentucky
19	... Louisiana
20	... Maine
21	... Maryland
22	... Massachusetts
23	... Michigan
24	... Minnesota
25	... Mississippi
26	... Missouri
27	... Montana
28	... Nebraska
29	... Nevada
30	... New Hampshire
31	... New Jersey
32	... New Mexico
33	... New York
34	... New York City
35	... North Carolina
36	... North Dakota
37	... Ohio
38	... Oklahoma
39	... Oregon
40	... Pennsylvania

2001  
Mortality Multiple Cause-of-Death Public Use Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
		41 ... Rhode Island
		42 ... South Carolina
44-45	2	<u>Expanded State of Residence Code - Con.</u>
		43 ... South Dakota
		44 ... Tennessee
		45 ... Texas
		46 ... Utah
		47 ... Vermont
		48 ... Virginia
		49 ... Washington
		50 ... West Virginia
		51 ... Wisconsin
		52 ... Wyoming
		53-58, 60, 62 ... Foreign Residents
		53 ... Puerto Rico
		54 ... Virgin Island
		55 ... Guam
		56 ... Canada
		57 ... Cuba
		58 ... Mexico
		60 ... Remainder of the world
		62 ... American Samoa
		 Puerto Rico Occurrence
		53 ... Puerto Rico
		01-52, 54-58,60,62 ... Foreign residents: refer to U.S. for specific code structure.
		 Virgin Islands Occurrence
		54 ... Virgin Islands
		01-53,55-58,60,62 ... Foreign residents: refer to U.S. for specific code structure.
		 Guam Occurrence
		55 ... Guam
		01-52 ... U.S. resident. Also considered a resident of Guam.
		53-54, 56-58, 60,62 ... Foreign residents: refer to U.S. for specific code structure.
		 American Samoa Occurrence
		62 ... American Samoa
		01-58, 60 ... Foreign residents: refer to U.S. for specific code structure.



2001  
Mortality Multiple Cause-of-Death Public Use Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
44-45	2	<u>Expanded State of Residence - Con.</u>  Northern Marianas Occurrence  63        ... Northern Marianas 01-58, 60,62     ... Foreign residents: refer to U.S. for specific code structure.
46-48	3	<u>NCHS PMSA/MSA of Residence</u>  Primary Metropolitan Statistical Areas and Metropolitan Statistical Areas are those defined by the U.S. Office of Management and Budget (OMB) as of 1990. For New England, the New England County Metropolitan Areas (NECMA) are used.  Further back in this document is a list of PMSA's, MSA's, NECMA's, and their component counties.  000        ... Nonmetropolitan counties 001-311 ... Code range 999        ... Area of less than 100,000 population ZZZ        ... Foreign residents
49	1	<u>Population Size of County of Occurrence</u>  Based on the results of the 1990 Census 0        ... County of 1,000,000 or more 1        ... County of 500,000 to 1,000,000 2        ... County of 250,000 to 500,000 3        ... County of 100,000 to 250,000 9        ... County of less than 100,000
50	1	<u>Population Size of County of Residence</u>  Based on the results of the 1990 Census  0        ... County of 1,000,000 or more 1        ... County of 500,000 to 1,000,000 2        ... County of 250,000 to 500,000 3        ... County of 100,000 to 250,000 9        ... Count of less than 100,000 Z        ... Foreign residents

2001  
Mortality Multiple Cause-of-Death Public Use Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
51	1	<u>PMSA/MSA Population Size</u>  Based on the results of the 1990 Census  1           ... Area of 250,000 or more 2           ... Area of 100,000 to 250,000 9           ... Area of less than 100,000 or nonmetropolitan area Z           ... Foreign residents
52-53	2	<u>Education</u>  00       ... No formal education 01-08   ... Years of elementary school 09       ... 1 year of high school 10       ... 2 years of high school 11       ... 3 years of high school 12       ... 4 years of high school 13       ... 1 year of college 14       ... 2 years of college 15       ... 3 years of college 16       ... 4 years of college 17       ... 5 or more years of college 99       ... Not stated
54	1	<u>Education Recode</u> 1       ... 0 - 8 years 2       ... 9 - 11 years 3       ... 12 years 4       ... 13 - 15 years 5       ... 16 years or more 6       ... Not stated
55-56	2	<u>Month of Death</u>  01       ... January 02       ... February 03       ... March 04       ... April 05       ... May 06       ... June 07       ... July 08       ... August 09       ... September 10       ... October 11       ... November 12       ... December

2001  
Mortality Multiple Cause-of-Death Public Use Record

<u>Tape</u> <u>Location</u>	<u>Field</u> <u>Size</u>	<u>Item and Code Outline</u>
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57-58	2	<u>Reserved Positions</u>
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59	1	<u>Sex</u>
		1      ... Male
		2      ... Female

60-63	4	<u>RACE</u>
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60-61	2	<u>Detail Race</u>
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United States Occurrence

Beginning with 1992 data, some areas started reporting additional Asian or Pacific Islander codes for race. Codes 18 - 68 replace old code 08 for these areas. Code 78 replaces old 08 for all other areas. For consistency with Census races, code 09 (all other races) has been imputed.

01	... White
02	... Black
03	... American Indian (includes Aleuts and Eskimos)
04	... Chinese
05	... Japanese
06	... Hawaiian (includes Part-Hawaiian)
07	... Filipino
18	... Asian Indian
28	... Korean
38	... Samoan
48	... Vietnamese
58	... Guamanian
68	... Other Asian or Pacific Islander in areas reporting codes 18-58
78	... Combined other Asian or Pacific Islander, includes codes 18-68 for areas that do not report them separately

Puerto Rico Occurrence

00	... Other races
01	... White
02	... Black

Virgin Islands Occurrence

01	... White
02	... Black
03	... American Indian (includes Aleuts and Eskimos)
04	... Chinese
05	... Japanese

2001  
Mortality Multiple Cause-of-Death Public Use Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
		06 ... Hawaiian (includes Part-Hawaiian) 07 ... Filipino 08 ... Other Asian or Pacific Islander
60-61	2	<u>Detail Race - Con.</u>  Guam Occurrence  01 ... White 02 ... Black 03 ... American Indian (Includes Aleuts and Eskimos) 04 ... Chinese 05 ... Japanese 06 ... Hawaiian (includes Part-Hawaiian) 07 ... Filipino 08 ... Other Asian or Pacific Islander 58 ... Guamanian  American Samoa Occurrence  01 ... White 02 ... Black 03 ... American Indian (includes Aleuts and Eskimos) 04 ... Chinese 05 ... Japanese 06 ... Hawaiian (includes Part-Hawaiian) 07 ... Filipino 08 ... Other Asian or Pacific Islander  Northern Marianas Occurrence  01 ... White 02 ... Black 03 ... American Indian (includes Aleuts and Eskimos) 04 ... Chinese 05 ... Japanese 06 ... Hawaiian (includes Part-Hawaiian) 07 ... Filipino 18 ... Asian Indian 28 ... Korean 38 ... Samoan 48 ... Vietnamese 58 ... Guamanian 68 ... Other Asian or Pacific Islander in areas reporting codes 18-58 78 ... Combined other Asian or Pacific Islander, includes 18-68 for areas that do not report them separately
62	1	<u>Race Recode 3</u>  1 ... White 2 ... Races other than White or Black

2001  
Mortality Multiple Cause-of-Death Public Use Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
		3      ... Black
63	1	<u>Race Recode 2</u>
		1      ... White
		2      ... All other races
64-74	11	<u>REPORTED AGE</u>
64-66	3	<u>Detail Age</u>
		Three positions are used to code detail age. Location 64 identifies age in years, months, days, etc. Locations 65-66 are the number of years, months, days, etc.
		0      01-99      ... Years less than 100
		1      00-99      ... Years 100 or more
		2      01-11,99      ... Months
		3      01-03,99      ... Weeks
		4      01-27,99      ... Days
		5      01-23, 99      ... Hours
		6      01-59, 99      ... Minutes
		9      99      ... Age not stated
67-68	2	<u>Age Recode 52</u>
		01      ... Under 1 hour (includes not stated hours and minutes)
		02      ... 1 - 23 hours
		03      ... 1 day (includes not stated days)
		04      ... 2 days
		05      ... 3 days
		06      ... 4 days
		07      ... 5 days
		08      ... 6 days
		09      ... 7 - 13 days (includes not stated weeks)
		10      ... 14 - 20 days
		11      ... 21 - 27 days
		12      ... 1 month (includes not stated months)
		13      ... 2 months
		14      ... 3 months
		15      ... 4 months
		16      ... 5 months
		17      ... 6 months
		18      ... 7 months
		19      ... 8 months
		20      ... 9 months
		21      ... 10 months
		22      ... 11 months
		23      ... 1 year

2001  
Mortality Multiple Cause-of-Death Public Use Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
		24 ... 2 years
		25 ... 3 years
		26 ... 4 years
67-68	2	<u>Age Recode 52 - Con.</u>
		27 ... 5 - 9 years
		28 ... 10 - 14 years
		29 ... 15 - 19 years
		30 ... 20 - 24 years
		31 ... 25 - 29 years
		32 ... 30 - 34 years
		33 ... 35 - 39 years
		34 ... 40 - 44 years
		35 ... 45 - 49 years
		36 ... 50 - 54 years
		37 ... 55 - 59 years
		38 ... 60 - 64 years
		39 ... 65 - 69 years
		40 ... 70-74 years
		41 ... 75-79 years
		42 ... 80 - 84 years
		43 ... 85 - 89 years
		44 ... 90 - 94 years
		45 ... 95 - 99 years
		46 ... 100 - 104 years
		47 ... 105 - 109 years
		48 ... 110 - 114 years
		49 ... 115 - 119 years
		50 ... 120 - 124 years
		51 ... 125 years and over
		52 ... Age not stated
69-70	2	<u>Age Recode 27</u>
		01 ... Under 1 month (includes not stated weeks, days, hours, and minutes)
		02 ... 1 month - 11 months (includes not stated months)
	03	... 1 years
		04 ... 2 years
		05 ... 3 years
		06 ... 4 years
		07 ... 5 - 9 years
		08 ... 10 - 14 years
		09 ... 15 - 19 years
		10 ... 20 - 24 years
		11 ... 25 - 29 years
		12 ... 30 - 34 years
		13 ... 35 - 39 years
		14 ... 40 - 44 years

2001  
Mortality Multiple Cause-of-Death Public Use Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>	
		15	... 45 - 49 years
		16	... 50 - 54 years
		17	... 55 - 59 years
69-70	2	<u>Age Recode 27 - Con.</u>	
		18	... 60 - 64 years
		19	... 65 - 69 years
		20	... 70 - 74 years
		21	... 75 - 79 years
		22	... 80 - 84 years
		23	... 85 - 89 years
		24	... 90 - 94 years
		25	... 95 - 99 years
		26	... 100 years and over
		27	... Age not stated
71-72	2	<u>Age Recode 12</u>	
		01	... Under 1 year (includes not stated infant ages)
		02	... 1 - 4 years
		03	... 5 - 14 years
		04	... 15 - 24 years
		05	... 25 - 34 years
		06	... 35 - 44 years
		07	... 45 - 54 years
		08	... 55 - 64 years
		09	... 65 - 74 years
		10	... 75 - 84 years
		11	... 85 years and over
		12	... Age not stated
73-74	2	<u>Infant Age Recode 22</u>	
		Blank	... Age 1 year and over or not stated
		01	... Under 1 hour (includes not stated hours and minutes)
		02	... 1 - 23 hours
		03	... 1 day (includes not stated days)
		04	... 2 days
		05	... 3 days
		06	... 4 days
		07	... 5 days
		08	... 6 days
		09	... 7 days (includes not stated weeks)
		10	... 14 - 20 days
		11	... 21 - 27 days
		12	... 1 month (includes not stated months)
		13	... 2 months
		14	... 3 months
		15	... 4 months

2001  
Mortality Multiple Cause-of-Death Public Use Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>	
		16	... 5 months
		17	... 6 months
73-74	2	<u>Infant Age Recode 22 - Con.</u>	
		18	... 7 months
		19	... 8 months
		20	... 9 months
		21	... 10 months
		22	... 11 months
75	1	<u>Place of Death and Decedent's Status</u>	
		1	... Hospital, clinic or Medical Center - Inpatient
		2	... Hospital, Clinic or Medical Center - Outpatient or admitted to Emergency Room
		3	... Hospital, Clinic or Medical Center - Dead on Arrival
		4	... Hospital, Clinic or Medical Center - Patient status unknown
		5	... Nursing home
		6	... Residence
		7	... Other
		9	... Place of death unknown
76	1	<u>Reserved Position</u>	
77	1	<u>Marital Status</u>	
		1	... Never married, single
		2	... Married
		3	... Widowed
		4	... Divorced
		8	... Marital Status not on certificate
		9	... Marital Status not stated
78-79	2	<u>State of Birth</u>	
		01	... Alabama
		02	... Alaska
		03	... Arizona
		04	... Arkansas
		05	... California
		06	... Colorado
		07	... Connecticut
		08	... Delaware



2001  
Mortality Multiple Cause-of-Death Public Use Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
		09 ... District of Columbia
		10 ... Florida
		11 ... Georgia
78-79	2	<u>State of Birth - Con.</u>
		12 ... Hawaii
		13 ... Idaho
		14 ... Illinois
		15 ... Indiana
		16 ... Iowa
		17 ... Kansas
		18 ... Kentucky
		19 ... Louisiana
		20 ... Maine
		21 ... Maryland
		22 ... Massachusetts
		23 ... Michigan
		24 ... Minnesota
		25 ... Mississippi
		26 ... Missouri
		27 ... Montana
		28 ... Nebraska
		29 ... Nevada
		30 ... New Hampshire
		31 ... New Jersey
		32 ... New Mexico
		33 ... New York
		34 ... North Carolina
		35 ... North Dakota
		36 ... Ohio
		37 ... Oklahoma
		38 ... Oregon
		39 ... Pennsylvania
		40 ... Rhode Island
		41 ... South Carolina
		42 ... South Dakota
		43 ... Tennessee
		44 ... Texas
		45 ... Utah
		46 ... Vermont
		47 ... Virginia
		48 ... Washington
		49 ... West Virginia
		50 ... Wisconsin
		51 ... Wyoming
		52 ... Puerto Rico
		53 ... Virgin Island
		54 ... Guam
		55 ... Canada
		56 ... Cuba

2001  
Mortality Multiple Cause-of-Death Public Use Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
		57            ... Mexico
		59            ... Remainder of the world
		61            ... American Samoa
78-79	2	<u>State of Birth - Con.</u>
		62            ...Northern Marianas
		99            ... State of birth unknown
80-81	2	<u>Hispanic Origin</u> Beginning data year 1997 all States report Hispanic Origin.
		00            ...      Non - Hispanic
		01            ...      Mexican
		02            ...      Puerto Rican
		03            ...      Cuban
		04            ...      Central or South American
		05            ...      Other or unknown Hispanic
		99            ...      Unknown
82	1	<u>Hispanic Origin/Race Recode</u>
		1            ...      Mexican
		2            ...      Puerto Rican
		3            ...      Cuban
		4            ...      Central or South American
		5            ...      Other or unknown Hispanic
		6            ...      Non - Hispanic white
		7            ...      Non - Hispanic black
		8            ...      Non - Hispanic other races
		9            ...      Hispanic origin unknown
83	1	<u>Day of Week of Death</u>
		1            ...      Sunday
		2            ...      Monday
		3            ...      Tuesday
		4            ...      Wednesday
		5            ...      Thursday
		6            ...      Friday
		7            ...      Saturday
		9            ...      Unknown
84-96	13	<u>Reserved Positions</u>

2001  
Mortality Multiple Cause-of-Death Public Use Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
97-101	5	<u>Place (city) of Residence (FIPS)</u>  A complete list of cities is shown in the Geographic code outline further back in this document. Effective with the 1994 data year, the FIPS place code has been added to the Mortality record. It identifies each city of 100,000 population or more in 1990.  00000            ...       Foreign residents 00001- nnnnn            ...       code range 99999            ...       Balance of county; or city of less than 100,000 population
102-114	13	<u>Reserved Positions</u>
115-118	4	<u>Current Data Year</u>  2001    ...2001
119-132	14	<u>FEDERAL INFORMATION PROCESSING STANDARDS (FIPS) GEOGRAPHIC CODES</u>  Refer to the Geographic Code Outline further back in this document for a detailed list of areas and codes. For an explanation of FIPS codes, reference should be made to various National Institute of Standards and Technology (NIST) publications. Some geographic codes have been changed to reflect the results of the 1990 Census.
119-120	2	<u>State of Occurrence (FIPS)</u>  United States  01                ... Alabama 02                ... Alaska 04                ... Arizona 05                ... Arkansas 06                ... California 08                ... Colorado 09                ... Connecticut 10                ... Delaware 11                ... District of Columbia 12                ... Florida 13                ... Georgia 15                ... Hawaii 16                ... Idaho 17                ... Illinois 18                ... Indiana 19                ... Iowa

2001  
Mortality Multiple Cause-of-Death Public Use Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
	20	... Kansas
	21	... Kentucky
119-120	2	<u>State of Occurrence (FIPS) - Con.</u>
	22	... Louisiana
	23	... Maine
	24	... Maryland
	25	... Massachusetts
	26	... Michigan
	27	... Minnesota
	28	... Mississippi
	29	... Missouri
	30	... Montana
	31	... Nebraska
	32	... Nevada
	33	... New Hampshire
	34	... New Jersey
	35	... New Mexico
	36	... New York
	37	... North Carolina
	38	... North Dakota
	39	... Ohio
	40	... Oklahoma
	41	... Oregon
	42	... Pennsylvania
	44	... Rhode Island
	45	... South Carolina
	46	... South Dakota
	47	... Tennessee
	48	... Texas
	49	... Utah
	50	... Vermont
	51	... Virginia
	53	... Washington
	54	... West Virginia
	55	... Wisconsin
	56	... Wyoming
		Puerto Rico
	72	... Puerto Rico
		Virgin Islands
	78	... Virgin Islands
		Guam
	66	... Guam

2001  
Mortality Multiple Cause-of-Death Public Use Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
119-120	2	<u>State of Occurrence (FIPS) - Con.</u>  American Samoa  60                    ...            American Samoa  Northern Marianas  69                    ...            Northern Marianas
121-123	3	<u>County of Occurrence (FIPS)</u>  Counties and county equivalents (independent and coextensive cities) are numbered alphabetically within each State and identify each county with a population of 100,000 or more in 1990. (Note: To uniquely identify a county, both the state and county codes must be used.) A complete list of counties is shown in the Geographic Code Outline further back in this document.  001-nnn            ...            Code range 999                    ...            County of less than 100,000 population
124-125	2	<u>State of Residence (FIPS)</u>  00                    ... Foreign residents 01                    ... Alabama 02                    ... Alaska 04                    ... Arizona 05                    ... Arkansas 06                    ... California 08                    ... Colorado 09                    ... Connecticut 10                    ... Delaware 11                    ... District of Columbia 12                    ... Florida 13                    ... Georgia 15                    ... Hawaii 16                    ... Idaho 17                    ... Illinois 18                    ... Indiana 19                    ... Iowa 20                    ... Kansas 21                    ... Kentucky 22                    ... Louisiana 23                    ... Maine 24                    ... Maryland

2001  
Mortality Multiple Cause-of-Death Public Use Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
		25 ... Massachusetts
		26 ... Michigan
		27 ... Minnesota
124-125	2	<u>State of Residence (FIPS) - Con.</u>
		28 ... Mississippi
		29 ... Missouri
		30 ... Montana
		31 ... Nebraska
		32 ... Nevada
		33 ... New Hampshire
		34 ... New Jersey
		35 ... New Mexico
		36 ... New York
		37 ... North Carolina
		38 ... North Dakota
		39 ... Ohio
		40 ... Oklahoma
		41 ... Oregon
		42 ... Pennsylvania
		44 ... Rhode Island
		45 ... South Carolina
		46 ... South Dakota
		47 ... Tennessee
		48 ... Texas
		49 ... Utah
		50 ... Vermont
		51 ... Virginia
		53 ... Washington
		54 ... West Virginia
		55 ... Wisconsin
		56 ... Wyoming
		 Puerto Rico Occurrence
		72 ... Puerto Rico
		00-56,60, 66,
		78 ... Foreign residents: refer to U.S. for specific code structure.
		 Virgin Islands Occurrence
		78 ... Virgin Islands
		00-56,60, 66,
		72 ... Foreign residents: refer to U.S. for specific code structure.
		 Guam Occurrence
		66 ... Guam
		01-56 ... U.S. Resident. Also considered a resident of Guam.

2001  
Mortality Multiple Cause-of-Death Public Use Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
		00, 60, 72, 78    ...    Foreign residents: refer to U.S. for specific code structure.
124-125	2	<u>State of Residence (FIPS) - Con.</u>  American Samoa Occurrence  60                      ...    American Samoa 00-56, 66, 72, 78                      ...    Foreign residents: refer to U.S. for specific code structure.  Northern Marianas Occurrence  69                      ...    Northern Marianas 00-56,60,66 72,78                      ...    Foreign residents: refer to U.S. for specific code structure.
126-128	3	<u>County of Residence (FIPS)</u>  Counties and county equivalents (independent and coextensive cities) are numbered alphabetically within each State and identify each county with a population of 100,000 or more in 1990. (Note: To uniquely identify a county, both the state and county codes must be used.) A complete list of counties is shown in the Geographic Code Outline further back in this document.  000                      ...    Foreign residents 001-nnn                      ...    Code range 999                      ...    County of less than 100,000 population
129-132	4	<u>PMSA/MSA of Residence (FIPS)</u>  Primary Metropolitan Statistical Areas and Metropolitan Statistical Areas are those defined by the U.S. Office of Management and Budget (OMB) as of 1990. For New England, the New England County Metropolitan Areas (NECMA) are used.  Further back in this document is a list of PMSA's, MSA's, NECMA's, and their component counties.
129-132	4	<u>PMSA/MSA of Residence (FIPS) - Con.</u>  0000                      ...    Nonmetropolitan counties or foreign residents 0040-9360                      ...    Code range 9999                      ...    Area of less than 100,000 population
133	1	<u>Reserved Position</u>

2001  
Mortality Multiple Cause-of-Death Public Use Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
134-135	2	<u>CMSA of Residence (FIPS)</u>  Consolidated Metropolitan Statistical Areas are groupings of certain Primary Metropolitan Statistical Areas and are defined by the U.S. Office of Management and Budget (OMB) as of 1990.  All Areas  00                    ...            Not a CMSA  United States Occurrence  07                    ...            Boston - Worcester-Lawrence, MA-NH-ME-CT, CMSA 14                    ...            Chicago - Gary-Kenosha, IL-IN-WI, CMSA 21                    ...            Cincinnati - Hamilton, OH-KY-IN, CMSA 28                    ...            Cleveland - Akron, OH, CMSA 31                    ...            Dallas - Fort Worth, TX, CMSA 34                    ...            Denver - Boulder-Greeley, CO, CMSA 35                    ...            Detroit - Ann Arbor-Flint, MI, CMSA 42                    ...            Houston - Galveston-Brazoria, TX, CMSA 49                    ...            Los Angeles -Riverside- Orange County, CA, CMSA 56                    ...            Miami - Fort Lauderdale, FL, CMSA  134-135            2 <u>CMSA of Residence (FIPS)</u>  63                    ...            Milwaukee - Racine, WI, CMSA 70                    ...            New York -Northern New Jersey-Long Island, NY-NJ-CT-PA, CMSA 77                    ...            Philadelphia - Wilmington-Atlantic City, PA-NJ-DE-MD, CMSA 79                    ...            Portland - Salem , OR-WA, CMSA 82                    ...            Sacramento - Yolo, CA, CMSA 84                    ...            San Francisco -Oakland-San Jose, CA, CMSA 91                    ...            Seattle - Tacoma-Bremerton, WA, CMSA 97                    ...            Washington - Baltimore, DC-MD-VA-WV, CMSA  Puerto Rico Occurrence  87                    ...            San Juan -Caguas-Arecibo, PR, CMSA  136                    1 <u>Injury at Work</u>  1                    ...            Yes 2                    ...            No 9                    ...            Unknown



2001  
Mortality Multiple Cause-of-Death Public Use Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
137	1	<u>Race Imputation Flag</u>  Blank           ...       Race is not imputed 1               ...       Unknown race is imputed 2               ...       All other races, formerly code 09, is imputed
138	1	<u>Age Substitution Flag</u>  If reported age is unknown but a valid age is calculated using dates of birth and death, the calculated age is substituted for the unknown reported age.  1               ...       Calculated age is substituted for reported age
139	1	<u>Manner of Death</u>  1       ...       Accident 2       ...       Suicide 3       ...       Homicide 4       ...       Pending investigation 5       ...       Could not determine 6       ...       Self-Inflicted 7       ...       Natural blank   ...       Not specified
140	1	<u>Activity Code</u>  0       ...       While engaged in sports activity 1       ...       While engaged in leisure activity 2       ...       While working for income 3       ...       While engaged in other types of work 4       ...       While resting, sleeping, eating (vital activities) 8       ...       While engaged in other specified activities 9       ...       During unspecified activity blank   ...       Not applicable
141	1	<u>Place of Injury for Causes W00-Y34, except Y06.- and Y07.-</u>  0               ...       Home 1               ...       Residential institution 2               ...       School, other institution and public administrative area 3               ...       Sports and athletics area 4               ...       Street and highway 5               ...       Trade and service area 6               ...       Industrial and construction area 7               ...       Farm 8               ...       Other Specified Places

2001  
Mortality Multiple Cause-of-Death Public Use Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
		9                    ...            Unspecified place
		Blank                ...            Causes other than W00-Y34, except Y06.- and Y07.-
142-159	18	<u>UNDERLYING CAUSE OF DEATH</u>
142-145	4	<u>ICD Code (10<sup>th</sup> Revision)</u>
		See the <u>International Classification of Diseases</u> , 1992 Revision, Volume 1.
146-148	3	<u>358 Cause Recode</u>
		A recode of the ICD cause code into 358 groups for NCHS publications. Further back in this document is a complete list of recodes and the causes included.
		001-456                ...            Code range (not inclusive)
149-150	2	<u>Reserved Positions</u>
151-153	3	<u>113 Cause Recode</u>
		A recode of the ICD cause code into 113 groups for NCHS publications. Further back in this document is a complete list of recodes and the causes included.
		001-135                ...            Code range (not inclusive)
154-156	3	<u>130 Infant Cause Recode</u>
		A recode of the ICD cause code into 130 groups for NCHS publications. Further back in this document is a complete list of recodes and the causes included.
		001-158 ...            Code range (not inclusive)
157-158	2	<u>39 Cause Recode</u>
		A recode of the ICD cause code into 39 groups for NCHS publications. Further back in this document is a complete list of recodes and the causes included.
		01-42    ...            Code range (not inclusive)
159	1	<u>Reserved Position</u>
160-440	281	<u>MULTIPLE CONDITIONS</u>
160-161	2	<u>Number of Entity-Axis Conditions</u>
		00-20                    ...            Code range

2001  
Mortality Multiple Cause-of-Death Public Use Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
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162-301	140	<u>ENTITY - AXIS CONDITIONS</u>
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Space has been provided for maximum of 20 conditions. Each condition takes 7 positions in the record. **The 7<sup>th</sup> position will be blank.** Records that do not have 20 conditions are blank in the unused area.

Position 1: Part/line number on certificate

1	...	Part I, line 1 (a)
2	...	Part I, line 2 (b)
3	...	Part I, line 3 (c)
4	...	Part I, line 4 (d)
5	...	Part I, line 5 (e)
6	...	Part II

Position 2: Sequence of condition within part/line

1-7	...	Code range
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Position 3 - 6: Condition code

See Table 1 for a complete list of codes

162-168	7	1 <sup>st</sup> Condition
169-175	7	2 <sup>nd</sup> Condition
176-182	7	3 <sup>rd</sup> Condition
183-189	7	4 <sup>th</sup> Condition
190-196	7	5 <sup>th</sup> Condition
197-203	7	6 <sup>th</sup> Condition
204-210	7	7 <sup>th</sup> Condition
211-217	7	8 <sup>th</sup> Condition
218-224	7	9 <sup>th</sup> Condition
225-231	7	10 <sup>th</sup> Condition
232-238	7	11 <sup>th</sup> Condition
239-245	7	12 <sup>th</sup> Condition
246-252	7	13 <sup>th</sup> Condition

2001  
Mortality Multiple Cause-of-Death Public Use Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
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162-301	140	<u>ENTITY - AXIS CONDITIONS - Con.</u>
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253-259	7	14 <sup>th</sup> Condition
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260-266	7	15 <sup>th</sup> Condition
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267-273	7	16 <sup>th</sup> Condition
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274-280	7	17 <sup>th</sup> Condition
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281-287	7	18 <sup>th</sup> Condition
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288-294	7	19 <sup>th</sup> Condition
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295-301	7	20 <sup>th</sup> Condition
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302-337	36	<u>Reserved Positions</u>
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338-339	2	<u>Number of Record-Axis Conditions</u>
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00-20                      ... Code range

340	1	<u>Reserved Position</u>
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341-440	100	<u>RECORD - AXIS CONDITIONS</u>
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Space has been provided for a maximum of 20 conditions. Each condition takes 5 positions in the record. **The 5<sup>th</sup> position will be blank.** Records that do not have 20 conditions are blank in the unused area.

Positions 1 - 4: Condition Code

See Table 1 for a complete list of codes

341-345	5	1 <sup>st</sup> Condition
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346-350	5	2 <sup>nd</sup> Condition
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351-355	5	3 <sup>rd</sup> Condition
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356-360	5	4 <sup>th</sup> Condition
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361-365	5	5 <sup>th</sup> Condition
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366-370	5	6 <sup>th</sup> Condition
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2001  
Mortality Multiple Cause-of-Death Public Use Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
341-440		<u>RECORD - AXIS CONDITIONS - Con.</u>
371-375	5	7 <sup>th</sup> Condition
376-380	5	8 <sup>th</sup> Condition
381-385	5	9 <sup>th</sup> Condition
386-390	5	10 <sup>th</sup> Condition
391-395	5	11 <sup>th</sup> Condition
396-400	5	12 <sup>th</sup> Condition
401-405	5	13 <sup>th</sup> Condition
406-410	5	14 <sup>th</sup> Condition
411-415	5	15 <sup>th</sup> Condition
416-420	5	16 <sup>th</sup> Condition
421-425	5	17 <sup>th</sup> Condition
426-430	5	18 <sup>th</sup> Condition
431-435	5	19 <sup>th</sup> Condition
436-440	5	20 <sup>th</sup> Condition